

GR. 5: LINE TRANSECT OBSERVATION TEMPLATE

Team Members: _____ Date: _____

Starting Point: _____ Line Transect: _____

INSTRUCTIONS:

- Look at the plants and animals within arm’s length on either side of line.
- Observe the physical characteristics of the plants and animals. For plants, measure the height of each plant.
- Observe the physical characteristics of the mangrove swamp: height of water, turbidity, and soil texture.
- Record number, description of physical characteristics, (such as “as big as my hand”) and name (such as mangrove crab) of your observations in Table 1. Record water height, turbidity, and soil texture in Table 2.

Table 1

Plants and Animals to the LEFT of the Line: numbers, physical characteristics, and names	Foot	Plants and Animals to the RIGHT of the Line: numbers, physical characteristics, and names
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	

Mangrove Trees to the LEFT of the Line: numbers, physical characteristics, name (if known)	Foot	Mangrove Trees to the RIGHT of the Line: numbers, physical characteristics, names (if known)
	9	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	

Table 2

Water Height, Turbidity, and Soil Texture to the LEFT of the Line	Foot	Water Height, Turbidity, and Soil Texture to the RIGHT of the Line
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	

